

DEN 12. August, 1955.

Professor Joshua Lederberg
Dept. of Genetics
University of Wisconsin
Madison 6, Wisconsin
U.S.A.

Dear Professor Lederberg:

Dr. Kristensen showed me your letter of
July 27th to him.

I am sending you under separate cover
the requested strains:


972 = 055:B5: •	776-1972	
1064 = 055:B5:H6	776-1970	w2913
Stoke P = 055:B5:H6	1971	
Aberdeen 4 = 0111:B4: •	1974	
Jonna P = 0111:B4: •	1975	
Stoke W = 0111:B4: •	1973	
416 = 0111:B4:H2.	1976	

According to the fermentation result,
the strain 972 seems to be an immotile variant of the
055:B5:H6 serotype and the three 0111:B4 strains immotile
variants of the 0111:B4:H2 serotype.

The biochemical behaviour of these two serotypes
and also of other E.coli serotypes are in our tests very
uniform i.e. strains collected from different hospitals
and from different countries belonging to these serotypes
do give the same biochemical pattern. On the other hand
we have a number of strains with the same O and B-antigen-
complex but with other H-antigens. Such strains show a
biochemical behaviour which is typical for each serotype
but differing from that of the strains sent to you.

Please tell me if you want more strains belonging
to the types 0111:B4:H2 and 055:B5:H6 or strains with other
H-antigens or perhaps both.

With kind regards
Yours sincerely,



Frits Ørskov.